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APPLICATION NO). F	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,408	07/29/2003		Rapeepat Ratasuk	CE10274R	7224
22917	7590	07/24/2006		EXAMINER	
	DLA, INC		NG, CHRISTINE Y		
1303 EAST ALGONQUIN ROAD IL01/3RD			ART UNIT	PAPER NUMBER	
SCHAUM	SCHAUMBURG, IL 60196			2616	
				DATE MAILED: 07/24/2000	5

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
		10/629,408	RATASUK ET AL.				
	Office Action Summary	Examiner	Art Unit				
		Christine Ng	2616				
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
THE - Exte after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reply of period for reply is specified above, the maximum statutory period we to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) day fill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed /s will be considered timely. In the mailing date of this communication. ID (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on <u>05 M</u> .	av 2006.					
<i>,</i> —		action is non-final.					
7—	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposit	ion of Claims						
5)⊠ 6)□ 7)⊠	 ✓ Claim(s) 1-6,8-11,13-17,19 and 21-27 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. ✓ Claim(s) 2-6,8-11,13,14,16,17,19 and 22-26 is/are allowed. ✓ Claim(s) is/are rejected. ✓ Claim(s) 1,15,21 and 27 is/are objected to. ✓ Claim(s) are subject to restriction and/or election requirement. 						
Applicat	ion Papers						
10)⊠	The specification is objected to by the Examine The drawing(s) filed on 29 July 2003 is/are: a) Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Ex	☑ accepted or b)☐ objected to lddrawing(s) be held in abeyance. Se ion is required if the drawing(s) is ob	e 37 CFR 1.85(a). ojected to. See 37 CFR 1.121(d).				
Priority (under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.							
2) Notic	et(s) te of References Cited (PTO-892) te of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	·					
Paper No(s)/Mail Date 6) Other:							

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DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

Claim Objections

- 2. Claims 1, 15, 21 and 27 are objected to because of the following informalities:
 - a) In claim 1 line 15: "RM₁, RM₂,..., RM_i" are not defined.
 - b) In claim 1 line 15: It claims "RM₁, RM₂,..., RM_i". However, in the specifications line 16, it discloses "RM₁, RM₂,..., RM_i".
 - c) In claim 1 line 15: The "I" in " $\alpha_I RM_1$ " is not defined.
 - d) In claim 1 line 15: It is unclear which "RM" of "RM₁, RM₂,..., RM_i" refers to the RM parameters of "the given one of the communication services" (lines 13-14).
 - e) In claim 1 line 17: "SFER_i" and "SFER₁" are not defined.
 - f) In claim 1 line 17: It is unclear whether or not one of "SFER₁" and "SFER_i" refers to the SFER of "the given one of the communication services" (lines 13-14).
 - g) In claim 15 line 4: The "I" above the Σ is not defined.
 - h) In claim 21 line 17: " RM_1 , RM_2 ,..., RM_i " are not defined.
 - i) In claim 21 line 17: It claims "RM₁, RM₂,..., RM_i". However, in the specifications line 16, it discloses "RM₁, RM₂,..., RM_i".
 - j) In claim 21 line 17: The "RM_i" in " α_l RM_i" should be changed to "RM₁", following the equation of claim 1 line 15 and specifications line 16.
 - k) In claim 21 line 17: The "I" in "α_IRM_i" is not defined.

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I) In claim 21 line 17: It is unclear which "RM" of "RM₁, RM₂,..., RM_i" refers to the RM parameters of "the given one of the communication services" (lines 13-14).

- m) In claim 21 line 19: "SFER_i" and "SFER₁" are not defined.
- n) In claim 21 line 19: It is unclear whether or not one of "SFER₁" and "SFER_i" refers to the SFER of "the given one of the communication services" (lines 13-14).
- o) In claim 27 line 19: The "I" above the ∑ is not defined.
- p) In claim 27 line 19: The "i" below the \sum is not defined.
- q) In claim 27 lines 19-21: The "i" in "N_i", "F_i", and "R_i" are not defined. Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christine Ng whose telephone number is (571) 272-3124. The examiner can normally be reached on M-F; 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

C. Ng ✓ July 12, 2006

HUY D. VU

SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600